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WU Record

Published for the Washington University Community

January 23, 1975

WU Reference Center Is Clearinghouse On Ecological Impact of Technology

By Dorothy Brockhoff

Wilson Hall basement with its cases of Neanderthal skulls and hoary bones is a sombre setting indeed, but it is headquarters for one of the liveliest projects on campus. Here in room six, Peggy Davies, a slim, poised young woman, presides over a Reference Center on Ecology and International Development.

The center's basic purposes are to collect books, journals and articles concerned with the complex fields of environment and technological development as they relate to the Third World countries, and to alert specialized audiences to this literature. It achieves the latter goal through surveys, abstracts, reprints and bibliographies. Part of Professor Barry Commoner's Center for the Biology of Natural Systems, this reference unit is a component of an International Task Force headed by Ms Davies as coordinator.

Organized some seven and one-half years ago, the reference center is the inspiration of an Iranian scientist, M. Taghi Farvar, who until a few weeks ago, was Director General of the Human Environmental Section of the Ministry of Environmental Conservation of Iran. While associated with CBNS, he formed the Oi Committee International, which is dedicated "to the holistic study of international development and the human environment." Oi is derived from a Swahili proverb, "Ote iwapo," (All that is must be considered.) It commissioned the reference center to publish a monumental 334-page paperback annotated bibliography on *International Development and the Human Environment* last year. Issued by MacMillan Information, some 2000 copies of this book, containing 400 substantive annotations, have been sold. As its authors, Ms Davies and a former colleague, Theodore N. Soule, declare, it was written "primarily to help assist the peoples of the Third World to construct an environment free of the problems which the developed nations have encountered since their meteoric rise." Work is now



Peggy Davies heads the Reference Center on Ecology and International Development

(Photo by Richard N. Levine)

underway on a sequel which will focus on energy and development.

Ms Davies and her staff are sometimes hardpressed in planning for this new text, fielding some 50 inquiries a month from throughout the world, reading, digesting, and frequently annotating information. Her staff consists of her assistant, Chantal Tie Ten Quee, and their secretary.

Despite her workload, Ms Davies seeks to broaden her responsibilities with a proposal now before a United Nations agency to launch a monthly newsletter, *The Environmental Monitor*.

The reference center's reputation as a dissemination medium for environmental information and the impact of technology on developing countries is becoming increasingly well-known locally. Anthropology students from one of Professor John Bennett's classes use the reference center frequently. It is also a haven for graduate students from disparate disciplines, ranging from physics to social work, as well as for representatives from industrial firms

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Weidenbaum To Head New Center for Study Of American Business

A Center for the Study of American Business, believed to be unique in the nation, has been established at Washington University, Chancellor William H. Danforth announced. Economist Murray L. Weidenbaum, Mallinckrodt Distinguished University Professor at the University and former Assistant Secretary of the Treasury for Economic Policy, will serve as director of the new center. John M. Olin of Alton, Ill., a trustee of Washington University, has provided funds for initial operating costs of the center.

The center's basic purposes will be to study the American business system, the role of the private enterprise system in the development of American society, and the relationship between a market economy and a free society. "With the establishment of this center," Chancellor Danforth said, "we hope to foster interchange between business and academia in order that the campus community, both here and throughout the country, will come to have greater knowledge of business and businessmen. At the same time, it is our aim to explain and demonstrate the contributions of those in academia to the world of business and its practitioners."

"One of the center's first research goals will be to study the need of American industry for new capital in the coming decade," Professor Weidenbaum said. "This subject is usually ignored when public policy affecting saving and investment is formulated, although its answer is vital to the future of the private enterprise system, as well as to the health of society," he explained.

Another of the center's top-priority objectives will be to evaluate the impact of government regulation on American business. Its scholar-researchers will analyze traditional governmental controls on business, and will review many new and important controls which have recently been introduced in connection with environmental cleanup, product

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WU Program Produces Promising Results In Treatment of Children's Cancer Diseases



(Photo by Herb Weitman)

During the past 15 years, a broad program for the treatment of cancer in children has evolved from a study based at the Washington University School of Medicine.

Professor Teresa J. Vietti, principal investigator in the study, reported that the program has produced promising results in the treatment of acute leukemia and in malignant tumor diseases involving the kidney, muscle and bone. She gave the following examples:

1) Research on Wilms' (kidney) tumor has produced the most significant results with a 90 per cent cure rate for children with a localized tumor and a 50 per cent success rate for children with disseminated disease.

2) One of the malignant tumors of muscle, rhabdomyosarcoma, previously thought to be hopeless, can now be treated so that most children survive.

3) With new methods of treatment, survival in children with acute leukemia now may exceed five years. The survival rate used to be nine months to a year.

4) Patients with Ewing's sarcoma and osteosarcoma (two bone tumors) had a 10 to 15 per cent cure rate 15 years ago; now, although accurate statistics are not yet available, investigators expect that through the use of chemotherapy, survival will exceed 50 per cent.

Dr. Vietti emphasized that the program's success is attributable to its multidisciplinary approach, which assures that each child receives optimal therapy. The research and its application to treatment has involved the combined

efforts of chemotherapists, radiation therapists, pathologists and surgeons. The study, based in the WU School of Medicine's Pediatrics Department, is part of an overall project known as the Southwest Oncology Group Study. The Group is a research cooperative which has members throughout the country.

The researchers hope to develop additional modes of treatment for other childhood malignancies, as well as to increase the effectiveness of current methods. "Presently used therapeutic regimens are very intense and are usually continued for two to three years on an outpatient basis," Dr. Vietti pointed out. "It is very difficult for the child to tolerate the treatment. One of our goals is to make therapy less intense and for a shorter duration." She said that researchers in the program also hope that what they are learning about treatment of childhood tumors will be applicable to adult malignant diseases.

Dr. Vietti, professor of pediatrics and associate professor of pediatrics in radiology, has received a three-year \$350,310 grant from the National Cancer Institute to continue her research.

Besides Dr. Vietti, other WU participants in the program are: Drs. A. H. Ragab, Vita J. Land, and Harold Zarkowsky, assistant professors of pediatrics; Dr. Carlos A. Perez, professor of radiology; Dr. John M. Kissane, professor of pathology and of pathology in pediatrics; Dr. Jessie L. Ternberg, professor of surgery and associate professor of surgery in pediatrics, and Drs. Lily A. Palmer-Hanes and William B. Mill, Jr., both assistant professors of radiology.

Assembly Series Debate To Be Held Wednesday

The Washington University Academic Committee will sponsor a debate on the issue of "Preferential Affirmative Action" at 11 a.m. Wednesday, January 29, at Graham Chapel. The debate is free and open to the public.

Speaking for the question will be James Wilson, an attorney representing the University of Washington Law School in the Marco DeFunis vs. Charles Odegaard case. Speaking against it will be Carl Cohen, professor of philosophy at the University of Michigan.

Mr. DeFunis sued the University of Washington to gain admission to the law school, alleging that he was discriminated against. He was subsequently admitted to the school and the case was brought before the U.S. Supreme Court.

Weidenbaum

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safety, job health, and energy use legislation. "Such controls are frequently ignored by both the public and many scholars," Professor Weidenbaum added, "but they have an important effect on internal decision-making. We need to evaluate the short and long-term impact of these controls on innovation, productivity, and inflation."

To implement the program, the center will depend upon a senior core faculty dedicated to teaching, research, publication and public dissemination of materials. Center appointments will draw upon and augment the strengths of the entire University in order to ensure its interdisciplinary character. In those areas where there is substantial interaction, the center and the WU School of Business and Public Administration are expected to reinforce each other.

The center will strive to develop new courses at the University and to strengthen some already in existence. It will also publish its research findings and make public many presentations of guest lecturers.

Distinguished speakers from other academic institutions, the world of business and finance, and government will be invited to deliver a series of major addresses on business at WU. In addition, visiting scholars will be asked to come to the University to provide fresh stimulus and to enlarge the center's contributions.

An academic steering committee headed by Dean Karl Hill of the School of Business and Public Administration was active in formulating plans for the new center. Members included: Martin Bell, professor of marketing, Ronald Carlson, professor of law, Leon Gottfried, professor of English and chairman, Art and Archaeology Department, Edward Kalachek, professor and chairman, Economics Department, Merle Kling, dean of the Faculty of Arts and Sciences, James McKelvey, dean of the School of Engineering and Applied Science, Professor Weidenbaum, and University Vice Chancellor Lattie Coor, ex-officio.

Eleven Nobel Laureates have worked in the Washington University School of Medicine's medical science laboratories; five (including one woman) did the work there for which they received the Nobel Prize.



Weidenbaum

ANNOUNCEMENTS

OPEN TRYOUTS for the WU Performing Arts Area April production of Gilbert and Sullivan's *Patience* will be held Thursday, Feb. 6, from 7-10 p.m. and Sunday, Feb. 9, from 3-7 p.m. in the Women's Building Lounge. Principal and chorus roles will be cast after call backs, scheduled for Tuesday, Feb. 11, from 7-10 p.m. in 149 McMillan. Those who try out may come prepared with their own material or audition using the "Patience" score. An accompanist will be provided.

AN ORIENTATION PROGRAM for new non-academic WU employees will be initiated this month in the Academy Building, 310 Melville Ave. The program will include a slide presentation and a walking tour of the campus, information about working hours, vacation and holiday schedules, educational benefits, medical insurance plans, and campus services. Attendance will be by reservation only. For further information, call 863-0100, ext. 4210.

STUDENTS interested in public service careers who have earned enough credit to qualify as candidates for the master's degree are urged to contact the newly-organized Center for the Study of Public Affairs at WU. The center, headed by Professor Robert Salisbury, will begin its new program this month. Key political science courses including urban politics and the professions and government can be combined with relevant courses in economics, education, technology and human affairs, urban studies and others to fulfill part of the requirements for the M.A. degree in political science (public affairs). Call Linda Ellsworth, associate director of the new center, at ext. 4249 for more information.

WU FACULTY MEMBERS who are interested in exchanging homes this summer with other American and Canadian professors may contact Arthur Golub of the Educators' Cooperative Summer Home-Swapping Plan, 7256 N. Bell Avenue, Chicago, Ill. 60645, for details.

The **WU Record** is published weekly during the academic year by the Office of Information, director, Roger Signor; editor, Kathy Pearson; contributing editors, Dorothy Brockhoff, King McElroy; calendar editor, Anne Hallett. Photographs by Herb Weitman, Rick Levine and Gail Cissna. Address all communications to the editor, Box 1142.

New Vice Chancellor Named

Herbert F. Hitzeman, Jr., has been named to the new position of Vice Chancellor for Development at WU, it was announced by Chancellor William H. Danforth. University divisions of Fund-raising, Development Services and Records, Alumni Relations and University Relations will report to Mr. Hitzeman. A native St. Louisan, Mr. Hitzeman was graduated from WU in 1953. He joined the campaign staff of the University's Seventy by 'Seventy Program in 1966, and was appointed director of the entire program in 1968 after serving as director of the medical and dental alumni phases of the campaign. The \$70 million campaign was successfully concluded a year ahead of schedule. In June of 1969 Mr. Hitzeman was named Director of Development and in 1970 he was appointed Associate Vice Chancellor.



Mr. Hitzeman said that "The highest priority facing us today is to raise \$60 million from private donors by June, 1978, in order to earn a like amount from the Danforth Foundation Challenge Grant. Funds earned from the challenge grant will be used for general endowment to stabilize the academic gains made by the University in the 1960's. The challenge beyond matching this grant is to broaden our base of support from private donors."

THE COUNCIL FOR EUROPEAN STUDIES has announced a pre-dissertation fellowship program to enable graduate students in the social sciences and related disciplines to spend a summer in Europe prior to making final plans for their dissertations. Competition for Fulbright-Hays Travel Grants to Austria, Germany and Norway is still open. These grants are to supplement any full maintenance award which is not administered by the Institute of International Education. The application deadline for both grants is February 1. For further information call Mrs. Tom at the International Office, 863-0100, ext. 4236.

THE ASIAN ART SOCIETY of Washington University will sponsor a tour to the Orient (Japan, Taipei, and Hong Kong) from March 21-April 15. The tour is limited to 15 people. For further information, please call the Montclair Travel Agency, Inc., 367-3000.

Women's Weekend To Be Held at WU

A Women's Weekend featuring workshops, discussions, films and entertainment is scheduled on campus Friday through Sunday, January 24-26, in observance of International Women's Year 1975 as declared by the United Nations. Parke Bowman, attorney, and June Arnold, novelist, co-founders of Daughters, Inc., a publishing house in Vermont devoted to the printing and distribution of feminist novels, will keynote the weekend's activities with a talk on "Radical Feminist Perspectives on Publishing" Saturday at 9:30 a.m. in the Women's Building Lounge.

All events are open to the public and most are free. Day care will be provided both days in the Women's Building.

The weekend is sponsored by the Feminist Coalition, Office of Campus Programming, Washington University School of Law, Undergraduate Business School Council and South 40 Community Council. For further information call the Office of Campus Programming, 863-0100, ext. 4542.

APPOINTMENTS

GLENN DETRICK has been appointed occupational and academic advisor for University College's Office of Admissions and Academic Advisement. He will act as liaison between University College and the business community to effect realistic curriculum recommendations through continuing contact with the community. Mr. Detrick, who will also serve as an academic advisor, received his MBA from Michigan State University in March, 1970, and worked in St. Louis as both a travel and management consultant before joining WU's School of Continuing Education.

RECOGNITIONS

GREGG MAYER, assistant professor of dance in WU's Performing Arts Area, recently led a two-day workshop for the Pamela Bedford Dance Theatre (Company and School) in Quincy, Ill., offering repertory, composition and technique classes.

Twenty-nine faculty members of the Washington University School of Medicine serve on 31 National Institutes of Health advisory committees and boards.

Calendar

January 23-29

THURSDAY, JANUARY 23

11:30 a.m. South 40 Craft Alliance Demonstration and Exhibit. Mallinckrodt Gallery.

4 p.m. Department of Chemistry Seminar, "Mechanisms of Homogeneous Catalytic Hydrogenation and Related Processes," Jack Halpern, Louis Black Professor of Chemistry, U. of Chicago. 311 McMillen.

FRIDAY, JANUARY 24

12 noon. Campus Y Music Moods, featuring recorded music of Simon & Garfunkel's "Sounds of Silence," Cat Stevens' "Tea for the Tillerman," and "Around the World With Three Dog Night." Campus Y Lounge.

4 p.m. Meeting of Faculty of Arts and Sciences. 201 Crow.

SATURDAY, JANUARY 25

9:30 a.m. Keynote Address for Women's Weekend, "Radical Feminist Perspectives on Publishing," June Arnold and Parke Bowman, co-founders of Daughters, Inc., Plainfield, Vt. Women's Building Lounge (coffee and doughnuts served at 9 a.m. Women's Building Basement).

10 a.m. Employment Workshop for International Students. Stix House.

9 p.m. Women's Weekend Dance-Concert featuring Mother-Right, female musical group from Chicago. Donation \$1.50. Holmes Lounge.

MONDAY, JANUARY 27

12 noon. Soap Box Series, religious spirituals and folksongs, Christian Campus Group. Mallinckrodt Gallery.

12 noon. Computing Facilities Seminar, "Elementary Fortran," David G. Weible, WU computer education specialist. 215 Cupples II. Call ext. 3138 to register (also Tuesday-Friday).

3 p.m. George Warren Brown School of Social Work Colloquium, "Is Mighty Casework Still at Bat?" Prof. Walter Hudson, WU School of Social Work. Brown Lounge.

4 p.m. Military Science Program Lecture, "Revolutionary Potential in South America," Richard J. Walter, WU associate professor of history. ROTC Bldg., 4200 Forest Park.

8 p.m. Working Group for the Physical Sciences in Art and Archaeology Lecture, "Lasers and Holography in Art and Archaeology," John F. Asmus, U. of California at San Diego, LaJolla Institute of Geophysics and Planetary Physics. 245 Compton.

TUESDAY, JANUARY 28

12 noon. Poetry Review, Howard Schwartz, U. of Missouri-St. Louis. Mallinckrodt Gallery.

8:30 p.m. School of Architecture and School of Fine Arts Lecture, "The Design Process as a Mode of Behavioral Analysis," Alton DeLong, professor of architecture, U. of Tennessee. Steinberg Hall.

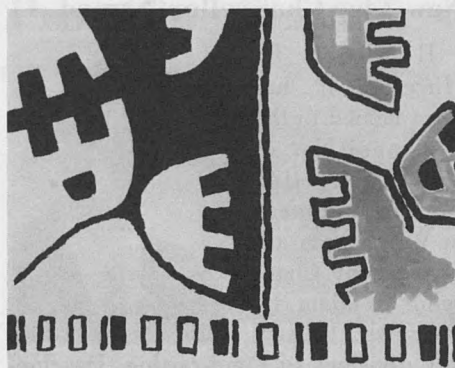
WEDNESDAY, JANUARY 29

11 a.m. Assembly Series Debate, "Preferential Affirmative Action." For: James Wilson, attorney, U. of Washington Law School associated with the De Funis Case. Against: Carl Cohen, professor of philosophy, U. of Michigan. Sponsored by the Academic Committee. Graham Chapel.

11:30 a.m. Program of Folksongs, Marilyn Krawll, former WU student, and secretary, Department of Music. Mallinckrodt Gallery.

2:15 p.m. Department of Chemical Engineering Seminar, "Water Sensitive Starch Graft Polymers," Harold P. Brown, Assistant Dean, Director Three-Two Program, WU School of Engineering and Applied Science. 100 Cupples II.

4:30 p.m. Division of Biology and Biomedical Sciences Neural Science Program



"Composition," a gouache on white paper by Giuseppe Capogrossi, is one of 27 works from the "Gifts '74" exhibit currently on display at Steinberg Hall.

and St. Louis Society for Neurological Sciences Seminar, "Isolation of Neurons and Glia from Normal and Abnormal Central Nervous System," Dr. Guy McKhann, Department of Neurology, Johns Hopkins University School of Medicine. Moore Auditorium.

FILMS

THURSDAY, JANUARY 23

7:30 and 9:45 p.m. WU Filmboard Series, "State of Seige," starring Yves Montand. French with English subtitles, admission \$1. Brown Hall Theatre.

FRIDAY, JANUARY 24

7:30 and 9:45 p.m. WU Filmboard Series, "The Life and Times of Judge Roy Bean," starring Paul Newman; and midnight, "Who's Afraid of Virginia Woolf," admission \$1. Wohl Center Line D.

8 p.m. Women's Weekend Film, "A Very Curious Girl." Discussion will follow. Brown Hall Theatre.

8:15 p.m. WU Regular Film Series, "The Quiet One," admission \$1.50. Steinberg Auditorium (also Sunday, January 26, at 2:30 p.m.).

SATURDAY, JANUARY 25

2, 4:15, 7:30 and 9:45 p.m. WU Filmboard Series, "The Life and Times of Judge Roy Bean"; and midnight, "Who's Afraid of Virginia Woolf," admission \$1. Brown Hall Theatre.

SUNDAY, JANUARY 26

2 and 4 p.m. WU Filmboard Series, Disney's "The Absent-Minded Professor," admission 50 cents. Brown Hall Theatre.

TUESDAY, JANUARY 28

7:30 and 9:30 p.m. WU Filmboard Series, "The Inheritor," starring Jean-Paul Belmondo. French with English subtitles, admission \$1. Brown Hall Theatre.

WEDNESDAY, JANUARY 29

7:30 and 9:30 p.m. WU Filmboard Series, "Taking Off," starring Buck Henry, admission \$1. Brown Hall Theatre.

NOTE: WU Filmboard Series admissions policy states a \$1 base admission fee, with a maximum additional charge of 50 cents levied when more than one consecutive feature is viewed.

SPORTS

FRIDAY, JANUARY 24

4 p.m. Swimming, WU vs. Meramec Community College at Meramec.

SATURDAY, JANUARY 25

2 p.m. Swimming, WU vs. Southeast Missouri State College. Wilson Pool.

WEDNESDAY, JANUARY 29

3 p.m. Wrestling, UMSL Tri Dual at UMSL.

EXHIBITIONS

Albert Schweitzer Exhibit, a collection of Schweitzer memorabilia including letters, books, manuscripts, and documents showing his influence, on display in Olin Library, level three. Monday-Thursday, 8 a.m.-midnight; Friday, 8 a.m.-10 p.m.; Saturday, 9 a.m.-10 p.m.; Sunday, 11 a.m.-midnight.

Gifts '74, a special exhibition of 27 works of art presented to WU last year, on display in Steinberg Hall, lower gallery. Included are paintings, a canvas wall hanging, prints, watercolors and sculpture by Walter Barker, Leonard Baskin, Giuseppe Capogrossi, Allan McCollum, Rory McEwen, Shiko Munakata, Nathan Oliveira, Wolfgang Paalen, Pablo Picasso, William Quinn, David Rabinowitch, Bernard Rosenthal, Georges Rouault and Jiro Yoshihara plus African sculpture by unknown artists. Monday-Friday, 9 a.m.-5 p.m.; Saturday, 10 a.m.-4 p.m.; Sunday, 1-5 p.m.

PERFORMING ARTS

FRIDAY, JANUARY 24

8 p.m. Cliff Keuter Dance Company appearing in concert, first time in St. Louis. General admission \$4.50; WU faculty/staff \$3.50; WU students \$2. Edison Theatre (also Saturday, January 25, at 8 p.m.).

MUSIC

MONDAY, JANUARY 27

8 p.m. St. Louis Symphony Chamber Series, "A Musical Offering," featuring works by Beethoven, Malipiero and Ives. General admission \$4.50; WU faculty/staff \$3; WU students \$2. Edison Theatre.

Reference

(Continued from page 1)

such as McDonnell Douglas.

The reference center itself includes 2000 books, 4000 reports and articles and a wide collection of specialized periodicals including *Air and Water News* and *The Peking Review*. These are organized by a staff-designed system under broad subject headings with cross-referencing.

Of necessity, Ms Davies and her staff are concerned with meticulous detail, but, nonetheless, the young coordinator finds time to supervise a special joint research project with Iran, to write letters of inquiry to Ireland where developing oil refineries there pose environmental problems, and now and again to fly overseas herself, as she did last fall, to attend a U.N. conference on population in Bucharest. The trip brought all sorts of unexpected surprises including three marriage proposals, which were made, Ms Davies explained with a laugh, "not because I was especially popular, as I at first thought, but because a union with me would have provided a desperate Rumanian with a magic passport."